

From: [Nicholas J Chuey](#)
To: [Buckmaster, Tarek \(DEQ\)](#)
Cc: [Rogers, Jennifer \(DEQ\)](#); [Alexander, Christine \(DEQ\)](#)
Subject: #secure Re: DECO-Monroe Plt NPDES Application Review
Date: Tuesday, January 20, 2015 2:16:15 PM
Attachments: [graycol.gif](#)
[DTE MONPP - NPDES Permit Application Revision, January 2015.pdf](#)

(See attached file: DTE MONPP - NPDES Permit Application Revision, January 2015.pdf)

Hi Tarek,

Attached is the information you requested below; a hard copy will **not** be submitted unless otherwise requested.

Let me know if you have any questions or need additional information.

Nick

Nick Chuey
Senior Engineer - EM&R
O: (313) 235-5569
C: (734) 660-2706

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☐ "Buckmaster, Tarek (DEQ)" ---11/26/2014 01:42:45 PM---Nick, The Department received and reviewed your application for reissuance of your NPDES permit. Be

From: "Buckmaster, Tarek (DEQ)" <BUCKMASTERT@michigan.gov>
To: "Nicholas J Chuey (chueyn@dteenergy.com)" <chueyn@dteenergy.com>
Cc: "Rogers, Jennifer (DEQ)" <ROGERSJ6@michigan.gov>
Date: 11/26/2014 01:42 PM
Subject: DECO-Monroe Plt NPDES Application Review

Nick,

The Department received and reviewed your application for reissuance of your NPDES permit. Before the application can be considered to be complete, you will need to submit some additional information that was requested in Section VI – Cooling Water Intake Structures. The Department will continue to process the application for reissuance while you compile this information.

The Department reviewed the information supplied in the Report on Source Water and Cooling Water Data and Impingement Mortality and Entrainment Characterization for Monroe Power Plant (Report) dated July 2008. While the information contained in the report meets a number of the application requirements, the Department requests additional information in order for the Department to conduct a Best Professional Judgment (BPJ) evaluation to determine whether the facility's cooling water intake structures reflect Best Technology Available (BTA) for minimizing adverse environmental impacts. This request for information is not directly related to the United States Environmental Protection Agency's Final Rule for Existing Facilities which recently took effect.

Please submit the information requested in items 6, 7, and 8 of Section VI, or identify its location in the Report. These items are as follows:

6. A narrative description of the operation of each of the CWIS (include intake flows {~~design~~ and actual}, daily hours of operation, days of operation per year, seasonal changes in operation, debris removal system operations, and any changes in operation the facility has implemented to reduce intake flows or IM and E).
7. A narrative description of the operation of the cooling water system (~~describe its relationship to the CWIS; the proportion of the design intake flow that is used in the system,~~ the number of days of the year the cooling water system is in operation, seasonal changes in the operation of the system, and any anticipated changes).
8. The calculation of the maximum design through-screen intake velocity (~~the applicant may also~~ submit the maximum actual through-screen velocity). {You should submit both velocities. For your facility, I suggest that you calculate these velocities at the traveling screens, the trash racks, and the intake canal.}

If you have any questions on these items, please contact me. Thank you.

Sincerely,
Tarek Buckmaster
Lakes Erie and Huron Permits Unit
Permits Section, Water Resources Division
Michigan Department of Environmental Quality
517-284-5584
buckmastert@michigan.gov